



Clean Version of the Amended Claim

**METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A
RESYNCHRONIZATION PACEMAKER**

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Please replace claim 8 with its corresponding claim, as amended, below:

8. (Once Amended) A method for displaying electrogram data collected by a pacemaker where one heart chamber is paced through a rate sensing/pacing channel and another site in the same or contralateral chamber is paced through a synchronized sensing/pacing channel with the pacing mode being based upon senses and paces in the rate channel, comprising:

displaying markers representing sensing and pacing events spaced in accordance with their time sequence, wherein each marker indicates whether the event is a sense or a pace and in which channel the event occurred;

displaying an interval value with each rate channel marker indicating the time interval between the event represented by the marker and the preceding rate channel event; and,

displaying an interval value with each synchronized channel marker indicating the time interval between the event represented by the marker and either the preceding rate channel sense or synchronized channel pace, whichever is nearest.